

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 01 Oct 2020 until 23:59 on Friday 02 Oct 2020

Forecast Issued on Wednesday 30 Sep 2020 at 15:44

Confidence: High for changeable theme continuing this week and into the weekend. Moderate for strong winds at times, but low for specific details.

Headline for Thursday 01 Oct 2020: Showery with sunny spells but cold.

Mountain weather hazards on Thursday 01 Oct 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy Rain	Light rain	Cloudy	Cloudy	Light rain showers	Light rain showers	Clear night	Clear night
Precipitation probability							
80%	60%	20%	20%	30%	40%	10%	10%

Forecast for Thursday 01 Oct 2020

Weather: Some overnight showers or drizzle on hills with patchy cloud will clear before dawn. Sunny spells developing through the morning, continuing into the afternoon with showers, some perhaps heavy. Showers easing by the evening with good clear spells expected.

Chance of cloud free mountain/hill tops above 600m: 20% overnight with low cloud clinging to southern and western upslopes, mainly above 400m. Becoming 90% by dawn and through the remainder of the day.

Visibility: Good visibility overnight in valleys with low-lying landmarks easily visible. Very limited views on hills with low cloud covering summits. Nearby and distant ranges becoming clearly defined through the morning through into the evening.

Forecast for Thursday 01 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 W	13/19 W	10/17 W	9/13 W	10/15 W	7/11 SW	7/9 S	8/13 E	10/17 E
300	6/13 W	10/19 W	6/16 W	6/11 W	8/15 W	6/11 SW	4/8 E	5/13 E	6/16 E
Valley	6/15 NW	6/14 W	3/10 W	4/8 SW	7/14 SW	5/10 SW	4/7 E	6/13 E	8/16 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	5/1	4/0	5/2	6/3	7/4	6/3	5/2	4/1
300	9/8	7/4	6/4	8/6	8/6	9/8	6/5	6/4	5/3
Valley	10/9	8/7	7/6	9/8	10/8	11/10	8/7	7/5	7/4
Freezing Level*	1900m	1400m	1200m	1100m	1200m	1200m	1200m	1200m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 30 Sep 2020	4.6mm	5mm	5.2mm

Forecast for Friday 02 Oct 2020

Weather: Generally clear but a little breezy overnight. A chance of some cloud developing around dawn but then becoming brighter through the day. A chance of some showers or outbreaks of light rain in the afternoon. Becoming increasingly cloudy through the evening.

Maximum wind: Northeasterly 20 mph gusting to 35-40 mph.

Chance of cloud free mountain/hill tops above 600m: 90% overnight, reducing to 60% around dawn and into mid-morning with patchy cloud possibly down to 500m. Becoming 80% by midday but later becoming 60% by midnight with widespread cloud lowering to 500-600m.

Visibility: Moderate or good initially, perhaps a brief spell of poor on hill tops in the morning. Becoming good or very good with clear views of distant hills by midday. Perhaps becoming poor above 500m again as cloud lowers into the evening.

Temperature: **Valleys:** Plus 1 Celsius becoming Plus 10 Celsius.
At 600m: Plus 1 Celsius becoming Plus 7 Celsius.
Freezing level: above summits.